

Effect of Motivation of Conditioned Slow Negative
Potential of Human Cerebral Cortex, by
E. A. Kostandov.
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci., Vol 203,
No 6, April 1972, pp 1429-1432.
CB

Dec 72

Influence of Potassium Ions on the Transport
and Utilization of Glucose in the Frog Skeletal
Muscles, by N. V. Kudryavtseva.
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci., Vol 203,
No 6, April 1972, pp 1433-1436.
CB

Dec 72

Difference of the Influence of Tl^{+} and Ba^{2+}
as Partial Analogs of K^{+} on the Sodium Pump
in Frog Skin, by Yu. V. Natochin.
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci., Vol 203,
No 6, April 1972, pp 1437-1440.
CB

Dec 72

Early Mortality in Adrenalectomized Mice With
Reaction of Transplantate Against Host, by
V. F. Semenov.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci., Vol 203,
No 6, April 1972, pp 1441-1444.

CB

Dec 72

Phase Equilibria During the Formation of Gaseous
Hydrates, by S. Sh. Byk.

RUSSIAN, per, Dokl Ak Nauk SSSR, Phys Chem., Vol. 204,
No 1, May 1972, pp 123-125.

CB

Jan 73

Surface Dispersion of Metals in Contact With
Polymers and the Role of Products of Mechanical
Degradation of Macromolecules, by

G. A. Gorokhovskii.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Chem., Vol 204,
No 1, May 1972, pp 126-128.

CB

Jan 73

Electrochemical Reduction of Molybdenum
Compounds and an ESR Investigation of the
Molybdenum (V) Oxycomplexes Being Formed,
By A. V. Il'yasov.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Chem., Vol 204,
No 1, May 1972, pp 129-132.

CB

Jan 73

Functions of Sensitizing Dyes in the Formation
of Latent Photographic Image, by E. V. Kal'manson.
RUSSEAN, per, Dok Ak Nauk SSSR, Phys Chem., Vol 204,
No 1, May 1972, pp 133-136.

CB

Jan 73

Anisotropy of the Molecular Tensor of Alkanes, by
K'ueik Tang Ch'eu.
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Chem., Vol 204,
No 1, May 1972, pp 137-139.
CB

Jan 73

Effective Charges on Oxygen and Carbon Atoms of
-COO⁻ Groups in a Series of Be, Mg, Ca, Sr, and
Ba Picramates, by V. I. Nefedov.
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Chem., Vol 204,
No 1, May 1972, pp 140-142.
CB

Jan 73

ESR Spectra of BIS-(N,N'-Dimethyl-p-Nitrodimina to)
Copper, by E. A. Romodanova.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Chem., Vol 204,
No 1, May 1972, pp 143-146.

CB

Jan 73

Chemical Polarization of Nuclei in the Oxidation
of Dimethyl Sulfide by Nitric Acid, by E. S. Rudakov.
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Chem, Vol 204,
No 1, May 1972, pp 147-150.
CB

Jan 73

Electric Conductivity of Irradiated and Non-
irradiated Oxide Forms of Promoted Iron Catalysts,
by V. I. Spitsyn.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Chem., Vol 204,
No 1, May 1972, pp 151-153.

CB

Jan 73

Dimeric Complexes in Water Vapors of Density 0.1
g/cm³, by G. V. Yukhnovich.
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Chem., Vol 204,
No 1, May 1972, pp 154-157.
CB

Jan 73

Synthesis of Optimal Linear Stabilization Systems,
by V. B. Larin, K. I. Naumenko, 5 pp.
RUSSIAN, per, Doklady Akademii Nauk SSSR, Moscow,
Vol 204, No 2, 1972, pp 306-308.
JPRS 56695

Aug 72

Theoretical Investigation of Nucleophilic
Substitution Reactions, by E. D. German.
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Chem., Vol 204,
No 2, May 1972, pp 373-375.
CB

Jan 73

Effect of a Magnetic Field on the Rate of
Photooxidation of Certain Crystalline Aromatic
Hydrocarbons, by S. I. Kubarev.
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Chem., Vol 204,
No 2, May 1972, pp 376-378.
CB

June 73

Regenerative Inhibition in Hydrogen Oxidation, by
I. A. Lovachev.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys. Chem., Vol 204,
No 2, May 1972, pp 379-382.

CB

Jan 73

Kinetic Termination During the Low-Temperature
Oxidation of Macroradicals in Polystyrene, by
A. I. Mikhailov.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Chem., Vol 204,
No 2, May 1972, pp 383-386.

CB

Jan 73

Structure of Primary Radical Products Formed
During γ Irradiation of Polycrystalline Polyols
and Monosaccharides, by I. V. Nikitin.
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Chem., Vol 204,
No 2, May 1972, pp 387-389.
CB

Jan 73

Conversion of Acetone in the Presence of Ion
Exchange Forms of Zeolites, by G. M. Panchenkov.
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Chem., Vol 204,
No 2, May 1972, pp 390-392.
CB

Jan 73

Intensity of the Radiation of a Stationary Flame
Above a Burning Liquid, by A. I. Rozlovskii.
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Chem., Vol 204,
No 2, May 1972, pp 393-396.
CB

Jan 73

Electrooptical Properties of the Amorphous-Liquid
Phase of Cholesteric Liquid Crystals, by

E. I. Rytovtsev.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Chem., Vol 204,
No 2, May 1972, pp 397-400.

CE

Jan 73

EMR Study of Complex Formation by Hydroperoxides
With Organic Radicals in Solution, by

E. E. Svitych.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Chem., Vol 204,
No 2, May 1972, pp 401-403.

CB

Jan 73

Spatial Orientation of Bats Under the Influence
of Increased Gravity, by E. Sh. Ayrapet'yants,
V. M. Zvorykin, 5 pp.
RUSSIAN, per, Doklady Akademii Nauk SSSR, Moscow,
No 3, 1972, pp723-725.
JPRS 56073

Aug 72